Index of Claims

| Application No. | Applicant(s) |          |
|-----------------|--------------|----------|
| 09/527,691      | YAMAGUCHI, N | MASAHIKO |
| Examiner        | Art Unit     |          |

Taghi T. Arani, Ph.D.

2131

| √ | Rejected |
|---|----------|
| = | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |  |
|---|--------------|--|
| _ | Interference |  |

| Α | Appeal   |
|---|----------|
| 0 | Objected |

| Cla      | aim      |          |   |              | _        | Dat  | е  |                    |              |                 |          | Claim Date Clair |          |          |          |          |          |          |          |          |          | aim      | Date     |           |            |          |   |  |          |          |          |          |          |   |
|----------|----------|----------|---|--------------|----------|--|--|--------------------|--------------|-----------------|----------|------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|------------|----------|---|--|----------|----------|----------|----------|----------|---|
| Final    | Original | 12/2/04  |   |              |          |  |  |                    |              |                 | i        | rillai           | Original |          |          |          |          |          |          |          |          |          | ű        |           | Original   |          |   |  |          |          |          |          |          |   |
|          | 1        | 1        |   | İ            |          | T  | l  | T                  | 1            | П               |          | ᅥ                | 51       |          |          |          |          |          | _        | -        |          | $\neg$   | -        | _         | 101        |          |   | <del>                                     </del> | <u> </u> |          |          |          |          |   |
|          | 2        | 1        |   | 1            |          |  | 1  | 1                  |              | П               |          | 一                | 52       |          |          |          |          |          |          |          |          | _        | -        |           | 102        |          |   | <u> </u>   |          |          |          |          |          |   |
|          | 3        | 1        |   |              |          | İ  |  |                    |              |                 |          | 寸                | 53       |          |          |          |          |          |          |          | T        | $\neg$   |          |           | 103        | _        |   |  | _        |          |          |          |          |   |
|          | 4        | 1        |   |              |          |  |  |                    |              |                 |          |                  | 54       |          |          |          |          |          |          |          |          | $\neg$   |          |           | 104        |          |   |  |          |          |          |          |          |   |
|          | 5        | V        |   |              |          |  |  |                    |              |                 |          |                  | 55       |          |          |          |          |          |          |          |          | $\neg$   |          |           | 105        | _        |   |  |          |          |          |          |          |   |
|          | 6        | V        |   |              |          |  |  |                    |              |                 |          |                  | 56       |          |          |          |          |          |          |          |          |          |          |           | 106        |          |   |  |          |          |          |          |          |   |
|          | 7        | 1        |   |              |          |  |  |                    |              |                 |          |                  | 57       |          |          |          |          |          |          |          |          |          |          |           | 107        |          |   |  |          |          |          |          |          |   |
|          | 8        | V        |   |              |          |  |  |                    |              | Ш               |          |                  | 58       |          |          |          |          |          |          |          |          |          |          | _         | 108        |          |   |  |          |          |          |          |          |   |
|          | 9        | 1        |   |              |          | 1  | $oxed{oxed}$                                     | $oxed{oxed}$       | _            | Ш               | $\perp$  | _                | 59       | L        |          |          |          |          | _        |          |          |          |          |           | 109        |          |   |  |          |          |          |          |          |   |
|          | 10       | 1        | _ | <u> </u>     | Ŀ        | <u> </u>   | ļ  | <u> </u>           | _            | Ш               | <u> </u> | _                | 60       |          |          |          | Ш        |          |          |          |          |          |          | _         | 110        |          |   |  | <u></u>  |          |          | _        |          |   |
| <u>├</u> | 11       | 1        |   |              |          | <u> </u>   | _  | _                  | _            | Ш               | $\vdash$ | _                | 61       | _        |          |          |          |          | _        |          |          |          |          | _         | 111        | _        |   |  | <u> </u> |          |          | _        |          |   |
| <u> </u> | 12       | V        |   |              |          | <u> </u>   | <u> </u>   | <u> </u>           | _            | Щ               | -        | _                | 62       | _        |          |          |          |          |          | _        | _        |          |          |           | 112        |          |   | <u> </u>   | <u> </u> |          |          |          |          |   |
| ├        | 13       | 1        |   |              | _        | _  | $\vdash$   | $\vdash$           | -            | $\vdash \vdash$ | $\vdash$ | -                | 63       | $\vdash$ |          |          |          |          |          |          |          | $\dashv$ | 1—       | _         | 113        |          |   |  |          |          |          | _        | $\vdash$ |   |
| -        | 14       | 1        | - |              |          | ┼  |  | <del> </del>       |              | $\vdash$        | -        | $\dashv$         | 64<br>65 | _        |          |          | -        |          | -        |          |          |          | $\vdash$ | -         | 114        |          |   |  |          |          | -        | $\dashv$ | -        |   |
| $\vdash$ | 16       | 1        | _ | <del> </del> | -        | <del>  -</del>                                   | ├  | ┼                  | -            |                 |          |                  | 66       |          |          | -        | $\vdash$ | -        |          |          | $\dashv$ | $\dashv$ | $\vdash$ | -         | 115<br>116 |          |   | $\vdash$   | <u> </u> |          |          |          |          |   |
|          | 17       | 1        | - |              |          | <del> </del>                                     | -  |                    | -            |                 |          | -                | 67       | -        | _        |          | -        |          | $\dashv$ |          | $\dashv$ | $\dashv$ | $\vdash$ | -         | 117        |          |   | _  | $\vdash$ | _        | -        |          |          |   |
| -        | 18       | V        |   |              | -        | ┢  | $\vdash$   | ┢                  |              | Н               | $\vdash$ | +                | 68       |          |          |          | $\dashv$ | $\dashv$ | $\dashv$ | -        | $\dashv$ |          |          | -         | 118        |          |   |  | $\vdash$ |          |          | $\dashv$ |          |   |
| _        | 19       | <u> </u> |   |              |          | $\vdash$   | $\vdash$   | $\vdash$           |              | Н               | $\vdash$ | +                | 69       |          |          |          | $\vdash$ | $\dashv$ | $\dashv$ | _        | $\dashv$ | $\dashv$ | -        | ᅥ         | 119        | -        | _ |  | $\vdash$ |          |          | $\dashv$ |          |   |
| <u> </u> | 20       | $\vdash$ |   | $\vdash$     | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$           |              | Н               | $\vdash$ | +                | 70       |          |          |          |          |          |          | -        |          |          | -        | ᅱ         | 120        | _        |   |  |          |          |          | _        |          |   |
|          | 21       |          |   | $\vdash$     |          | H  |  | $\vdash$           |              | Н               | $\vdash$ | 7                | 71       |          |          |          |          |          | $\dashv$ |          | $\dashv$ | $\dashv$ | -        | 7         | 121        |          |   |  | _        |          | $\dashv$ | $\dashv$ | $\dashv$ |   |
|          | 22       |          |   | Г            |          | T  |  | t                  |              | Н               |          | T                | 72       |          |          | _        |          | _        | _        |          |          | $\dashv$ |          | 寸         | 122        |          |   |  |          |          | $\neg$   | 一        | 寸        |   |
|          | 23       |          | · |              |          | T  |  | T                  | Т            |                 |          |                  | 73       |          |          |          |          | T        | T        | $\neg$   |          | $\neg$   |          | $\exists$ | 123        |          |   |  |          |          | _        |          |          |   |
|          | 24       |          |   |              |          |  |  |                    |              | П               |          | T                | 74       |          | _        |          |          |          |          | $\neg$   |          |          |          | ٦         | 124        |          |   |  |          |          |          |          |          |   |
|          | 25       |          |   |              |          |  | П  |                    |              | П               |          | $\neg$           | 75       | _        |          |          |          |          |          |          |          | $\neg$   |          | ヿ         | 125        |          |   |  |          |          |          | 一        |          |   |
|          | 26       |          |   |              |          |  |  |                    |              |                 |          |                  | 76       |          |          |          |          |          |          |          |          |          |          |           | 126        |          |   |  |          |          |          |          |          |   |
|          | 27       |          |   |              |          |  |  |                    |              |                 |          |                  | 77       |          |          |          |          |          |          |          |          |          |          |           | 127        |          |   |  |          |          |          |          |          |   |
|          | 28       |          |   |              |          |  |  |                    |              |                 | <u>_</u> |                  | 78       |          |          |          |          |          |          |          |          |          |          |           | 128        |          |   |  |          |          |          |          |          |   |
| <u> </u> | 29       |          |   |              |          |  | <u>_</u>   | L                  | _            | Ш               |          |                  | 79       |          |          |          |          |          |          |          |          |          | L        | _         | 129        |          |   |  |          |          |          | _        |          |   |
|          | 30       |          | _ | _            |          | <u> </u>   | <u> </u>   | <u> </u>           | L_           |                 | _        | _                | 80       |          |          | _        |          |          |          |          |          |          | <u> </u> | _         | 130        |          |   |  |          |          |          | _        |          |   |
|          | 31       |          |   |              |          |  |  |                    |              | Ш               | $\vdash$ | _                | 81       |          | $\Box$   | _        |          |          |          |          |          |          | _        | _         | 131        |          |   |  |          | _        | _        | _        | _        |   |
|          | 32       |          |   |              | <u> </u> |  |  |                    |              | Щ               | $\vdash$ | _                | 82       |          |          | _        | $\dashv$ | _        |          | _        | _        |          | _        | _         | 132        |          |   |  |          |          |          | _        |          |   |
|          | 33       |          |   |              |          | -  |  | -                  |              | Н               | $\vdash$ | $\dashv$         | 83       |          | $\vdash$ | _        |          |          |          |          |          | $\dashv$ | -        | 4         | 133        | _        |   |  |          | _        |          | _        | _        |   |
| $\vdash$ | 34<br>35 | Н        |   | H            | _        | <u> </u>   | $\vdash$   | ₩                  | H            | $\dashv$        | $\vdash$ | $\dashv$         | 84       |          | $\dashv$ | -        | -        |          | -        | -        | _        | $\dashv$ | $\vdash$ | -         | 134        |          |   |  |          | _        |          | $\dashv$ | $\dashv$ |   |
|          | 36       |          |   | H            | -        | <del> </del>                                     | -  | 1                  | H            | Н               | $\vdash$ | $\dashv$         | 85<br>86 |          | $\vdash$ | -        | -        |          | -        | $\dashv$ | -        | $\dashv$ | -        | -         | 135<br>136 | $\dashv$ |   |  |          | $\dashv$ |          | $\dashv$ |          | _ |
| $\vdash$ | 37       | $\vdash$ |   | H            |          | $\vdash$   | $\vdash$   | $\vdash$           | $\vdash$     | $\dashv$        | $\vdash$ | $\dashv$         | 87       |          | -        | $\dashv$ |          |          |          |          |          | $\dashv$ | -        | -         | 136        |          |   |  |          | -        | -        |          |          |   |
| $\vdash$ | 38       | $\vdash$ | - | $\vdash$     |          | $\vdash$   | $\vdash$   | $\vdash$           | $\vdash$     | H               | $\vdash$ | $\dashv$         | 88       |          | $\dashv$ | _        |          | -        | $\dashv$ |          | -        | $\dashv$ | $\vdash$ | $\dashv$  | 138        |          |   |  |          | $\dashv$ | -        | $\dashv$ | $\dashv$ |   |
| $\vdash$ | 39       | -        |   | -            | -        | <del>                                     </del> | -  | ┢                  |              | $\vdash$        |          | $\dashv$         | 89       | -        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | _        | $\dashv$ | $\dashv$ | $\vdash$ | +         | 139        | $\dashv$ |   | -  |          | -        | -        | -+       | $\dashv$ | - |
|          | 40       | $\vdash$ |   | H            |          | $\vdash$   | -  | ╁                  | -            | H               | <b> </b> | -+               | 90       | -        | $\dashv$ |          |          | _        | +        | $\dashv$ | _        | $\dashv$ |          | 1         | 140        |          |   |  |          |          |          |          | $\dashv$ |   |
|          | 41       |          |   | $\vdash$     | —        | $\vdash$   | $\vdash$   |                    |              | $\dashv$        | $\vdash$ | $\dashv$         | 91       |          |          |          | $\dashv$ |          | $\neg$   |          |          | $\dashv$ |          | 7         | 141        |          |   |  |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |   |
|          | 42       | $\vdash$ |   | $\vdash$     |          | <del>                                     </del> | <del>                                     </del> |                    | -            | $\vdash$        |          | +                | 92       | _        | $\neg$   |          | _        | -        | $\dashv$ |          |          | $\dashv$ |          | 7         | 142        |          | H | _  | _        |          | $\neg$   | $\dashv$ | $\dashv$ |   |
|          | 43       |          |   | П            |          |  |  |                    |              | П               |          | $\exists$        | 93       |          |          |          |          | _        | -        | $\neg$   | 一        | $\dashv$ |          | 7         | 143        | $\neg$   |   |  |          | $\neg$   | $\dashv$ | $\dashv$ | 一        | _ |
|          | 44       |          |   | П            |          | T  | T  |                    |              |                 |          | $\neg$           | 94       |          |          | _        | T        |          |          |          |          |          |          |           | 144        |          |   |  |          |          | ᅥ        | 寸        |          | _ |
|          | 45       |          |   |              |          |  |  | П                  |              |                 |          |                  | 95       |          |          |          |          |          |          |          |          | $\neg$   |          | T         | 145        |          |   |  |          | $\neg$   | $\dashv$ | 一        | 一        |   |
|          | 46       |          |   |              |          |  |  |                    |              |                 |          |                  | 96       |          |          |          |          |          |          |          |          |          |          |           | 146        |          |   |  |          |          |          |          |          |   |
|          | 47       |          |   |              |          |  |  |                    |              |                 |          |                  | 97       |          |          |          |          |          |          |          |          |          |          | $\Box$    | 147        |          |   |  |          |          |          |          |          |   |
|          | 48       |          |   |              |          |  |  |                    |              |                 |          |                  | 98       |          | [        |          |          |          |          |          |          | ]        |          |           | 148        |          |   |  |          | ]        |          | $\Box$   |          |   |
| $\Box$   | 49       |          |   | $oxed{oxed}$ |          |  |  | $oxedsymbol{oxed}$ | $oxed{oxed}$ | Ш               |          | $\perp$          | 99       |          |          | _]       | _]       | [        |          |          | [        |          |          | ot        | 149        |          |   |  |          |          |          |          | [        |   |
|          | 50       |          |   |              |          | _  |  |                    |              |                 | - 1      |                  | 100      |          | I        |          | I        | Ī        |          | Ī        |          | 1        |          | T         | 150        | Ī        | Ī |  | 1        | Ī        | Ī        | T        | T        | 1 |